

Washington State Institute for Public Policy

Benefit-Cost Results

The WSIPP benefit-cost analysis examines, on an apples-to-apples basis, the monetary value of programs or policies to determine whether the benefits from the program exceed its costs. WSIPP's research approach to identifying evidence-based programs and policies has three main steps. First, we determine "what works" (and what does not work) to improve outcomes using a statistical technique called meta-analysis. Second, we calculate whether the benefits of a program exceed its costs. Third, we estimate the risk of investing in a program by testing the sensitivity of our results. For more detail on our methods, see our [Technical Documentation](#).

Current estimates replace old estimates. Numbers will change over time as a result of model inputs and monetization methods.

Public Health & Prevention

Program name	Date of last literature review	Total benefits	Taxpayer benefits	Non-taxpayer benefits	Costs	Benefits minus costs (net present value)	Benefit to cost ratio	Chance benefits will exceed costs
School-based								
Mentoring for students: school-based (taxpayer costs only)	Jun. 2014	\$27,904	\$8,571	\$19,333	(\$1,171)	\$26,733	\$23.84	74 %
Mentoring for students: school-based (with volunteer costs)	Jun. 2014	\$26,607	\$8,312	\$18,295	(\$1,825)	\$24,782	\$14.58	72 %
School-based programs to increase physical activity	Nov. 2015	\$15,296	\$3,695	\$11,601	(\$464)	\$14,832	\$32.94	67 %
Seattle Social Development Project	Apr. 2012	\$15,860	\$5,096	\$10,764	(\$3,712)	\$12,148	\$4.27	66 %
Positive Action	Aug. 2015	\$11,793	\$3,012	\$8,781	(\$440)	\$11,353	\$26.81	88 %
Good Behavior Game	Apr. 2012	\$10,342	\$2,671	\$7,671	(\$161)	\$10,181	\$64.18	71 %
Caring School Community (formerly Child Development Project)	Jun. 2014	\$10,123	\$2,572	\$7,551	(\$1,240)	\$8,883	\$8.17	61 %
Other school-wide positive behavior programs	Aug. 2015	\$8,256	\$2,164	\$6,092	(\$612)	\$7,644	\$13.49	77 %
Promoting Alternative Thinking Strategies (PATHS)	Jun. 2015	\$7,560	\$1,843	\$5,717	(\$356)	\$7,204	\$21.24	63 %
Behavioral Monitoring and Reinforcement Program (BMRP)	Apr. 2012	\$6,775	\$1,942	\$4,833	(\$1,327)	\$5,448	\$5.11	63 %
School-based tobacco prevention programs	Dec. 2014	\$4,720	\$1,204	\$3,516	(\$63)	\$4,657	\$74.88	99 %
Model Smoking Prevention Program	Dec. 2014	\$3,274	\$752	\$2,522	(\$32)	\$3,242	\$101.92	92 %
Project EX	Dec. 2014	\$3,002	\$760	\$2,243	(\$59)	\$2,943	\$50.61	90 %
All Stars	Dec. 2014	\$2,689	\$632	\$2,057	(\$103)	\$2,586	\$26.07	97 %
Life Skills Training	Jun. 2014	\$1,706	\$410	\$1,296	(\$99)	\$1,607	\$17.25	66 %
SPORT	Jun. 2014	\$1,498	\$383	\$1,115	(\$39)	\$1,459	\$38.29	70 %
Alcohol Literacy Challenge (for high school students)	Jun. 2016	\$995	\$311	\$684	(\$4)	\$991	\$257.22	59 %
ATHENA (Athletes Targeting Healthy Exercise and Nutrition Alternatives)	Dec. 2014	\$621	\$161	\$459	(\$38)	\$583	\$16.39	56 %
keepin' it REAL	Jun. 2014	\$573	\$184	\$390	(\$49)	\$525	\$11.79	62 %
Too Good for Drugs	Dec. 2014	\$500	\$122	\$378	(\$53)	\$447	\$9.45	91 %
Lions Quest Skills for Adolescence	Jun. 2014	\$508	\$132	\$376	(\$96)	\$412	\$5.29	65 %
American Indian adolescent substance abuse prevention programs	Dec. 2014	\$466	\$188	\$278	(\$55)	\$411	\$8.42	54 %
Project Towards No Drug Abuse (TND)	Jun. 2014	\$427	\$136	\$290	(\$65)	\$361	\$6.54	57 %
Project ALERT	Jul. 2014	\$473	\$139	\$334	(\$150)	\$322	\$3.15	64 %
Coping Power Program	Jun. 2016	\$2,006	\$690	\$1,316	(\$1,806)	\$200	\$1.11	50 %
School-based BMI screening and parental notification	Nov. 2015	(\$48)	(\$15)	(\$33)	(\$25)	(\$73)	(\$1.90)	50 %
Youth advocacy/empowerment programs for tobacco prevention	Dec. 2014	(\$165)	(\$39)	(\$126)	(\$23)	(\$188)	(\$7.27)	37 %
School-based obesity prevention education	Nov. 2015	(\$81)	(\$10)	(\$71)	(\$116)	(\$197)	(\$0.69)	48 %
Responsive Classroom	Oct. 2015	\$344	\$154	\$189	(\$541)	(\$197)	\$0.64	48 %
Drug Abuse Resistance Education (D.A.R.E.)	Aug. 2015	(\$281)	(\$153)	(\$128)	(\$54)	(\$335)	(\$5.19)	49 %
Project SUCCESS	Aug. 2014	(\$194)	(\$28)	(\$166)	(\$158)	(\$352)	(\$1.23)	41 %
Preschool programs to create a healthy food environment and increase physical activity	Nov. 2015	(\$230)	(\$36)	(\$194)	(\$248)	(\$478)	(\$0.93)	44 %

Program name	Date of last literature review	Total benefits	Taxpayer benefits	Non-taxpayer benefits	Costs	Benefits minus costs (net present value)	Benefit to cost ratio	Chance benefits will exceed costs
InShape	Jun. 2014	(\$562)	(\$172)	(\$390)	(\$15)	(\$577)	(\$37.34)	46 %
Home- or Family-based								
Nurse Family Partnership	Apr. 2012	\$16,208	\$6,518	\$9,690	(\$10,049)	\$6,159	\$1.61	58 %
Parents as Teachers	Apr. 2012	\$8,843	\$3,014	\$5,830	(\$2,688)	\$6,156	\$3.29	67 %
Other home visiting programs for at-risk mothers and children	Apr. 2012	\$11,075	\$4,415	\$6,660	(\$5,870)	\$5,205	\$1.89	63 %
Family-based tobacco and substance use prevention	Dec. 2014	\$5,109	\$1,315	\$3,794	(\$181)	\$4,928	\$28.17	100 %
Parent Management Training - Oregon Model (Prevention population)	May. 2015	\$5,108	\$1,427	\$3,680	(\$650)	\$4,458	\$7.86	60 %
Strengthening Families for Parents and Youth 10-14	Apr. 2012	\$4,126	\$1,076	\$3,050	(\$825)	\$3,301	\$5.00	71 %
Computer-based substance use prevention programs	Dec. 2014	\$2,713	\$700	\$2,013	(\$70)	\$2,643	\$38.66	70 %
Family Matters	Jun. 2016	\$1,779	\$474	\$1,305	(\$194)	\$1,585	\$9.19	74 %
Guiding Good Choices (formerly Preparing for the Drug Free Years)	Jun. 2014	\$1,791	\$538	\$1,252	(\$666)	\$1,124	\$2.69	56 %
Healthy Families America	Apr. 2012	\$5,811	\$3,165	\$2,647	(\$4,797)	\$1,015	\$1.21	51 %
Family Check-Up (also known as Positive Family Support)	Jun. 2014	(\$205)	(\$19)	(\$186)	(\$329)	(\$534)	(\$0.62)	41 %
Familias Unidas	Jun. 2016	(\$161)	\$172	(\$333)	(\$1,469)	(\$1,630)	(\$0.11)	41 %
Parent Child Home Program	Apr. 2012	\$2,914	\$2,357	\$557	(\$5,787)	(\$2,873)	\$0.50	43 %
Community-based								
Computer-based programs for smoking cessation	Dec. 2014	\$33,330	\$7,039	\$26,292	(\$40)	\$33,290	\$828.87	100 %
Text messaging programs for smoking cessation	Dec. 2014	\$19,795	\$3,986	\$15,808	(\$52)	\$19,742	\$378.89	100 %
Quantum Opportunities Program	Apr. 2012	\$44,967	\$17,081	\$27,885	(\$27,034)	\$17,933	\$1.66	61 %
Mentoring for students: community-based (taxpayer costs only)	Jun. 2014	\$13,190	\$4,031	\$9,159	(\$1,289)	\$11,900	\$10.23	71 %
Mentoring for students: community-based (with volunteer costs)	Jun. 2014	\$12,783	\$4,193	\$8,590	(\$3,260)	\$9,523	\$3.92	66 %
Communities That Care	Apr. 2012	\$2,438	\$657	\$1,781	(\$585)	\$1,853	\$4.17	80 %
Project STAR	Jul. 2014	\$1,765	\$464	\$1,301	(\$510)	\$1,255	\$3.46	73 %
Project Northland	Jun. 2014	\$885	\$225	\$660	(\$188)	\$696	\$4.70	74 %
PROSPER	Jun. 2016	\$824	\$326	\$498	(\$523)	\$301	\$1.58	55 %
Children's Aid Society--Carrera	Apr. 2012	\$7,658	\$4,215	\$3,444	(\$14,782)	(\$7,124)	\$0.52	41 %
CASASTART	Apr. 2012	(\$6,369)	(\$417)	(\$5,952)	(\$7,075)	(\$13,443)	(\$0.90)	20 %
Fast Track prevention program	Apr. 2012	(\$21,407)	\$2,453	(\$23,860)	(\$61,221)	(\$82,628)	(\$0.35)	0 %
Population-level policies								
Access to tobacco quitlines	Dec. 2014	\$21,052	\$1,645	\$19,407	(\$214)	\$20,838	\$98.17	95 %
More intensive tobacco quitlines (compared to less intensive quitlines)	Dec. 2014	\$9,915	\$1,650	\$8,265	(\$130)	\$9,784	\$76.10	100 %
Anti-smoking media campaign, youth effect	Dec. 2014	\$4,259	\$987	\$3,272	(\$28)	\$4,231	\$153.77	100 %
Anti-smoking media campaigns, adult effect	Dec. 2014	\$2,067	\$595	\$1,472	(\$35)	\$2,032	\$58.70	86 %
Multicomponent environmental interventions to prevent youth tobacco use	Jun. 2016	\$1,288	\$346	\$942	(\$155)	\$1,133	\$8.32	86 %
Triple-P Positive Parenting Program (System)	Apr. 2012	\$1,120	\$387	\$733	(\$150)	\$970	\$7.48	63 %
Multicomponent environmental interventions to prevent youth alcohol use	Jun. 2016	(\$173)	(\$37)	(\$135)	(\$105)	(\$278)	(\$1.64)	27 %

Other Public Health & Prevention topics reviewed:

Program name	Date of last literature review	Notes
10% increase in cigarette tax (effect on adults)	Dec. 2014	Click for meta-analytic results
10% increase in cigarette tax (effect on youth)	Dec. 2014	Click for meta-analytic results
Adolescent Sibling Pregnancy Prevention	Apr. 2012	Click for meta-analytic results
Athletes Training and Learning to Avoid Steroids (ATLAS)	Jun. 2016	Click for meta-analytic results
Body Project	Jun. 2016	Click for meta-analytic results
Child FIRST	Jul. 2014	Click for meta-analytic results
Compliance checks for alcohol	Jun. 2016	Click for meta-analytic results
Compliance checks for tobacco	Jun. 2016	Click for meta-analytic results
Curriculum-based support groups (CBSG)	Jun. 2016	Click for meta-analytic results
Postponing Sexual Involvement (c)	Apr. 2012	Click for meta-analytic results
Protecting You/Protecting Me	Jun. 2016	Click for meta-analytic results
Raising Healthy Children	Jun. 2016	Click for meta-analytic results
Reconnecting Youth	Dec. 2014	Click for meta-analytic results
School-based programs to create a healthy food environment	Nov. 2015	Click for meta-analytic results
School-based service learning	Apr. 2012	Click for meta-analytic results
School-based sexual education	Apr. 2012	Click for meta-analytic results
Soda taxes: a 1% higher tax on soda than on other food items	Nov. 2015	Click for meta-analytic results
STARS (Start Taking Alcohol Risks Seriously) for Families	Jun. 2016	Click for meta-analytic results
Strong African American Families	Jun. 2016	Click for meta-analytic results
Strong African American Families—Teen	Jun. 2016	Click for meta-analytic results
Teen Outreach Program	Apr. 2012	Click for meta-analytic results
Workplace-wide interventions to prevent obesity	Nov. 2015	Click for meta-analytic results
4Results Mentoring	Jun. 2013	No rigorous evaluation measuring outcome of interest.
Aban Aya Youth Project	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Active Parenting of Teens: Families in Action	Dec. 2014	No rigorous evaluation measuring outcome of interest.
BrainTrain4Kids	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Celebrating Families	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Coping and Support Training	Jun. 2013	No rigorous evaluation measuring outcome of interest.
DARE to be You	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Familias Unidas	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Friday Night Live	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Hip-hop 2 prevent substance abuse and HIV	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Lead and Seed	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Media Detective	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Media Ready	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Mobile phone "apps" for smoking cessation	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Native FACETS	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Not on Tobacco	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Nurturing Fathers	Jun. 2016	No rigorous evaluation measuring outcome of interest.
PALS: Prevention through Alternative Learning Styles	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Project MAGIC	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Project Venture	Jun. 2014	No rigorous evaluation measuring outcome of interest.
Pyramid model	May. 2015	No rigorous evaluation measuring outcome of interest.
Reality Tour	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Red Cliff Wellness School Curriculum	Jun. 2014	No rigorous evaluation measuring outcome of interest.
Refuse, Remove, Reasons (RRR) High School Education Program	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Rock in Prevention, Rock PLUS	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Sembrando Salud	Dec. 2014	No rigorous evaluation measuring outcome of interest.
SMART Leaders	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Stay SMART	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Storytelling for Empowerment	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Strengthening Multi-Ethnic Families and Communities	Jan. 2013	No rigorous evaluation measuring outcome of interest.
TAP-Helping Teens Stop Using Tobacco	Dec. 2014	No rigorous evaluation measuring outcome of interest.

Teens Against Tobacco Use (TATU)	Dec. 2014	No rigorous evaluation measuring outcome of interest.
TEG-Intervening with Teen Tobacco Users	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Tobacco and Alcohol Prevention Program	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Youth and Family Link	Jun. 2016	No rigorous evaluation measuring outcome of interest.

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Printed on 12-24-2016



Washington State Institute for Public Policy

The Washington State Legislature created the Washington State Institute for Public Policy in 1983. A Board of Directors-representing the legislature, the governor, and public universities-governs WSIPP and guides the development of all activities. WSIPP's mission is to carry out practical research, at legislative direction, on issues of importance to Washington State.